

**A**

AFADIN (1829 aa)

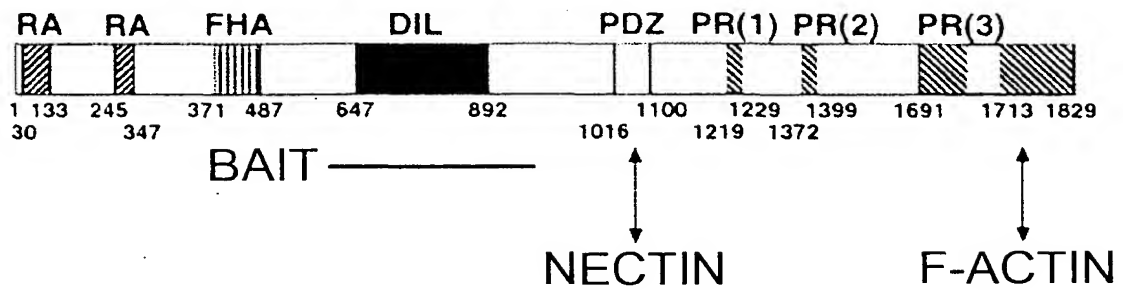
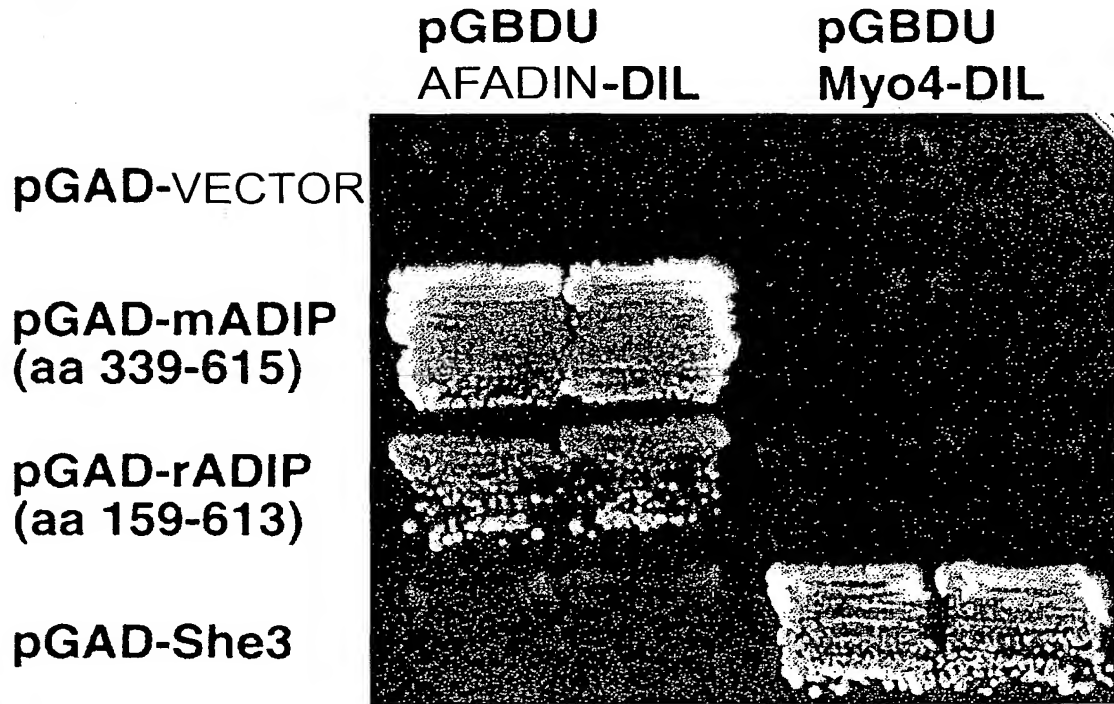
**B**

FIG. 1

**A**

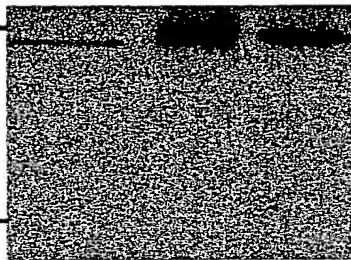
rAD1P	NGQRTVTDVSVCTENKLSQVTSETQSPSSLYSQVLCSSATPLKQVHGVFSAFCTGEHEDSISVLDQELTTFQFPVLVEESKSKERKRELHVALE	100
aAD1P	NGQRTVTDVSVCTENKLSQVTSETQSPSSLYSQVLCSSVPLSKVHGVFSAFCTGEHEDSISVLDQELTTFQFPVLVEESKSKERKRELHVALE	100
K1RA0923	NGQRTVTDVSVCTENKLSQVTSETQSPSSLYSQVLCSSVPLSKVHGVFSAFCTGEHEDSISVLDQELTTFQFPVLVEESKSKERKRELHVALE	100
rAD1P	HCNELLVLDKRNLLAQESVETONKLGSDHNLKSCYRKLEDELSRRDHSICQERDAQLQCKVFNHQLQKHEEYQKLOHHSRRTQVHNVKGR	200
aAD1P	HCNELLVLDKRNLLAQESVETONKLGSDHNLKSCYRKLEDELSRRDHSICQERDAQLQCKVFNHQLQKHEEYQKLOHHSRRTQVHNVKGR	200
K1RA0923	HCNELLVLDKRNLLAQESVETONKLGSDHNLKSCYRKLEDELSRRDHSICQERDAQLQCKVFNHQLQKHEEYQKLOHHSRRTQVHNVKGR	200
rAD1P	KREYVNLKEALHOLVHKKDCHIRDMVHVVGRQGRQSLRTKTERHEDETKILLNVEVRAKRLLENHRELQVLDQKCHHSLSPOKQGR	300
aAD1P	KREYVNLKEALHOLVHKKDCHIRDMVHVVGRQGRQSLRTKTERHEDETKILLNVEVRAKRLLENHRELQVLDQKCHHSLSPOKQGR	300
K1RA0923	KREYVNLKEALHOLVHKKDCHIRDMVHVVGRQGRQSLRTKTERHEDETKILLNVEVRAKRLLENHRELQVLDQKCHHSLSPOKQGR	300
rAD1P	ERAEDETQVVISQVEDQAOELSRQVMSLSCQTYREQLHSIRAKQRIKSHVMDLNDASKVHSEQHEEDVSRQDHEDETKLELEEPCKENIKR	400
aAD1P	ERAEDETQVVISQVEDQAOELSRQVMSLSCQTYREQLHSIRAKQRIKSHVMDLNDASKVHSEQHEEDVSRQDHEDETKLELEEPCKENIKR	400
K1RA0923	ERAEDETQVVISQVEDQAOELSRQVMSLSCQTYREQLHSIRAKQRIKSHVMDLNDASKVHSEQHEEDVSRQDHEDETKLELEEPCKENIKR	400
rAD1P	QQLLQOOLAATCDDTTSLAOCYLLEKELKEDSLFKEDQDFEREARSFTEAIRAQLERKAFEEERASVKKQFUNITTFQNHSENKLFSPF	500
aAD1P	QQLLQOOLAATCDDTTSLAOCYLLEKELKEDSLFKEDQDFEREARSFTEAIRAQLERKAFEEERASVKKQFUNITTFQNHSENKLFSPF	500
K1RA0923	QQLLQOOLAATCDDTTSLAOCYLLEKELKEDSLFKEDQDFEREARSFTEAIRAQLERKAFEEERASVKKQFUNITTFQNHSENKLFSPF	499
rAD1P	SSSDPDLVHPPRQDQHSYHNVPRCTSKLKSUPSPB--DFQPSRSCVSEHSPVSAUTVPEETKPEVRESTDQKSYVSPSSPECCYGC	599
aAD1P	SSSDPDLVHPPRQDQHSYHNVPRCTSKLKSUPSPB--DFQPSRSCVSEHSPVSAUTVPEETKPEVRESTDQKSYVSPSSPECCYGC	600
K1RA0923	SSSDPDLVHPPRQDQHSYHNVPRCTSKLKSUPSPB--DFQPSRSCVSEHSPVSAUTVPEETKPEVRESTDQKSYVSPSSPECCYGC	599
rAD1P	SSAYTSSHVEKQDL	613
aAD1P	SSAFRSRQDQDL	615
K1RA0923	ELSYTHSVEKQDL	614

**B**

kDa

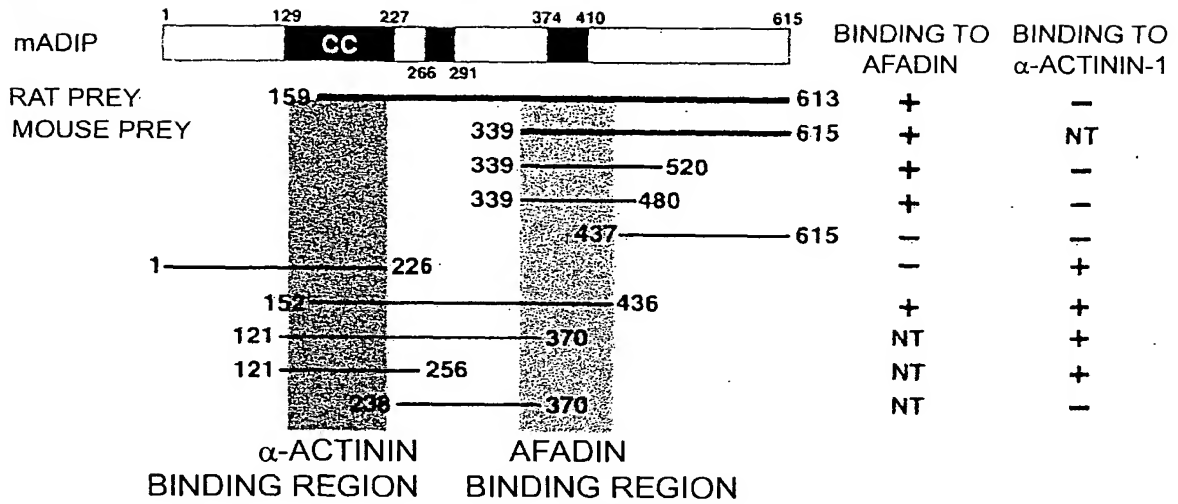
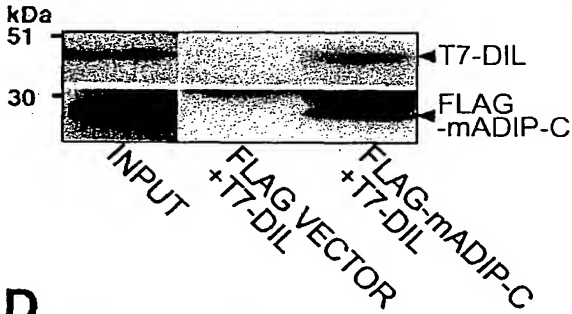
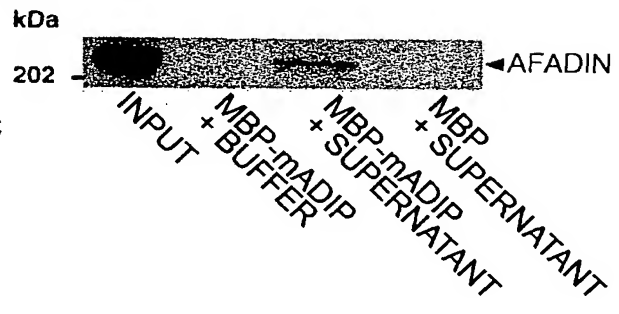
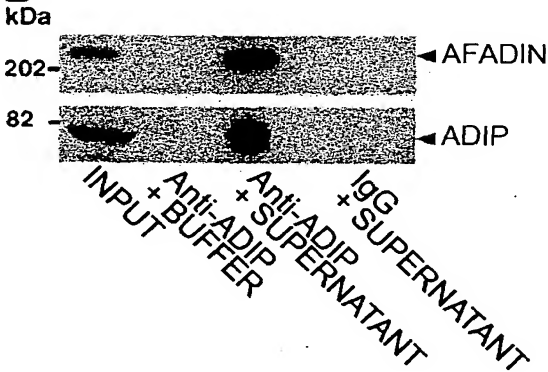
80

51



HEK293 HEK293 MDCK  
HA-mAD1P

**FIG. 2**

**A****B****C****D****FIG. 3**

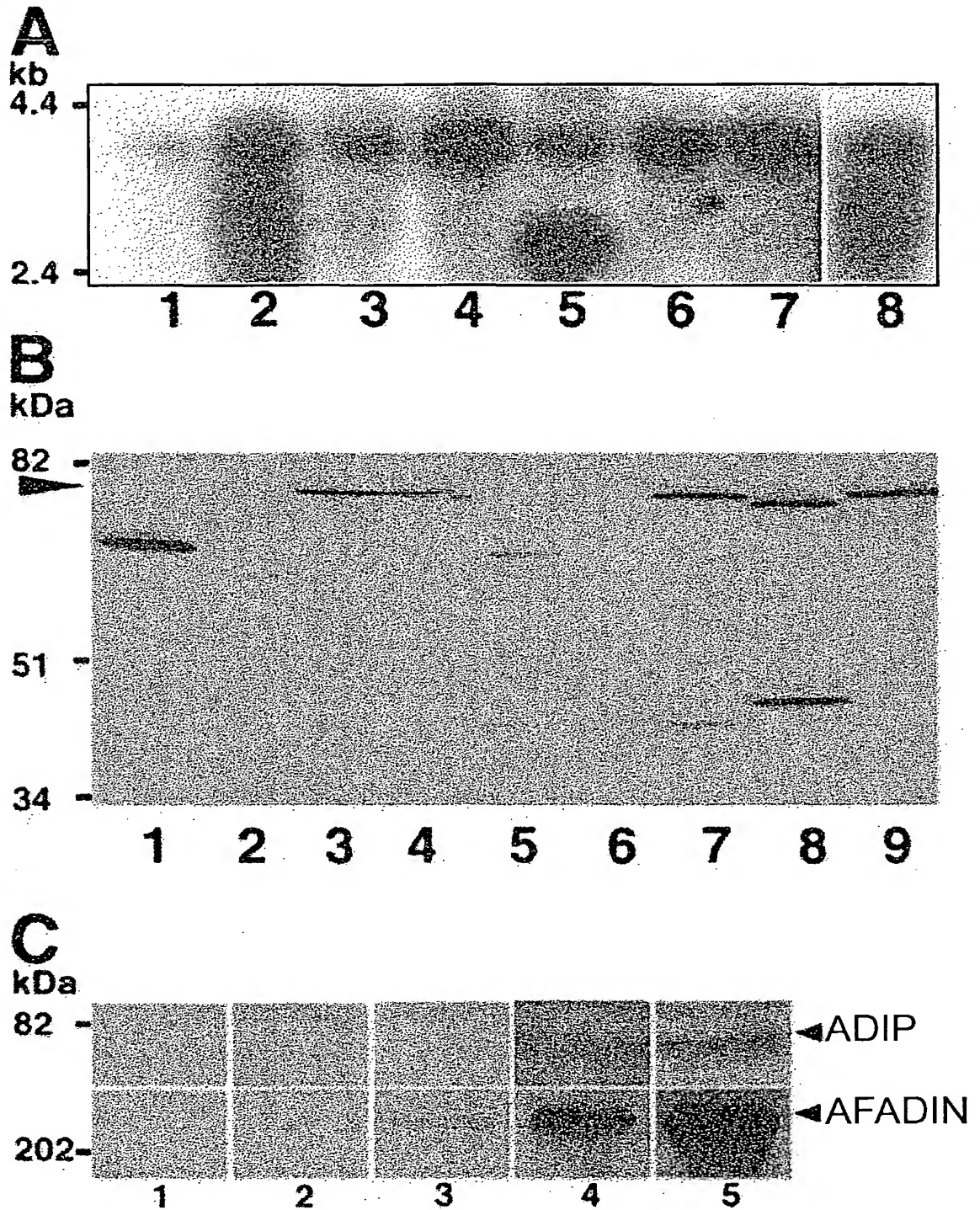


FIG. 4

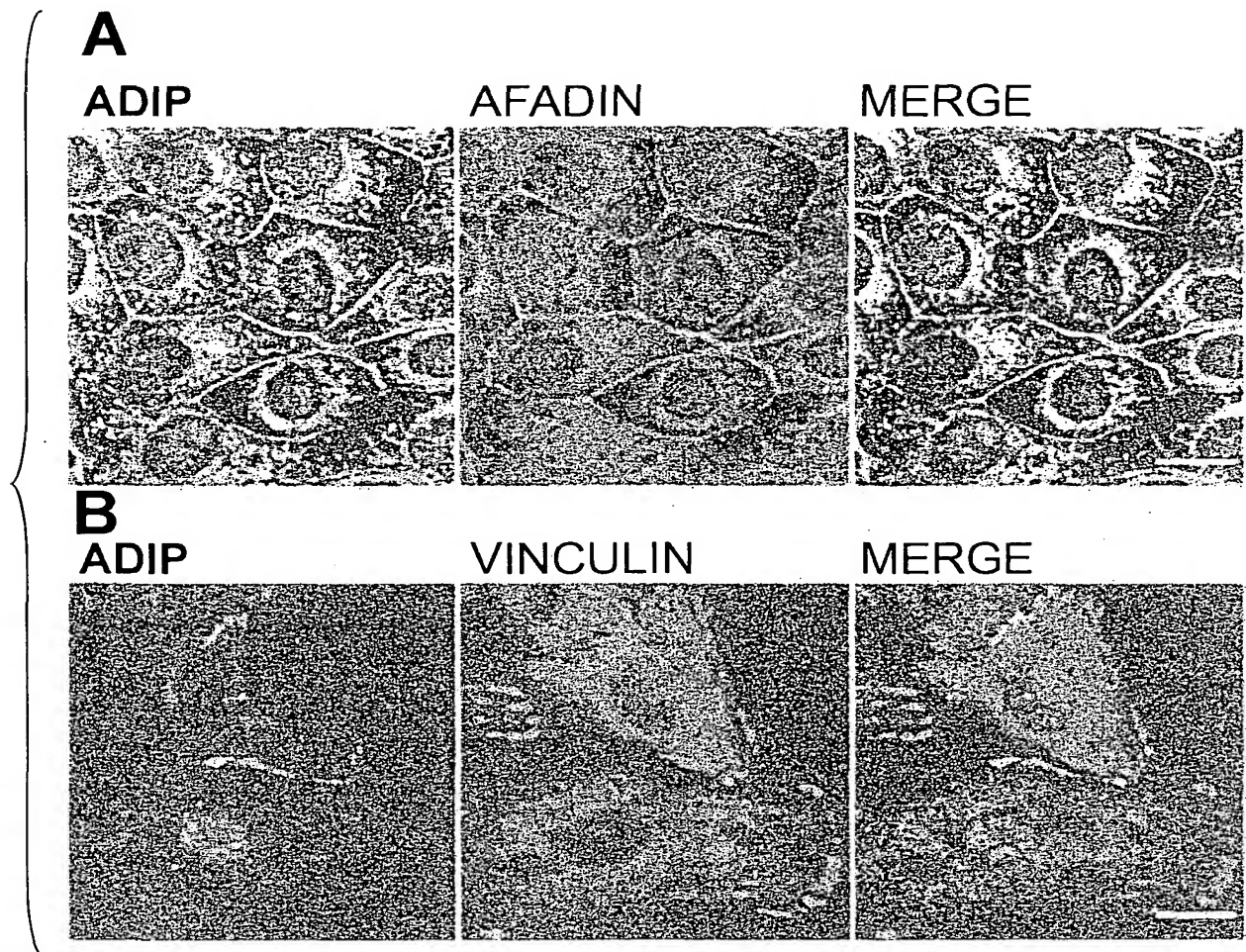


FIG. 5

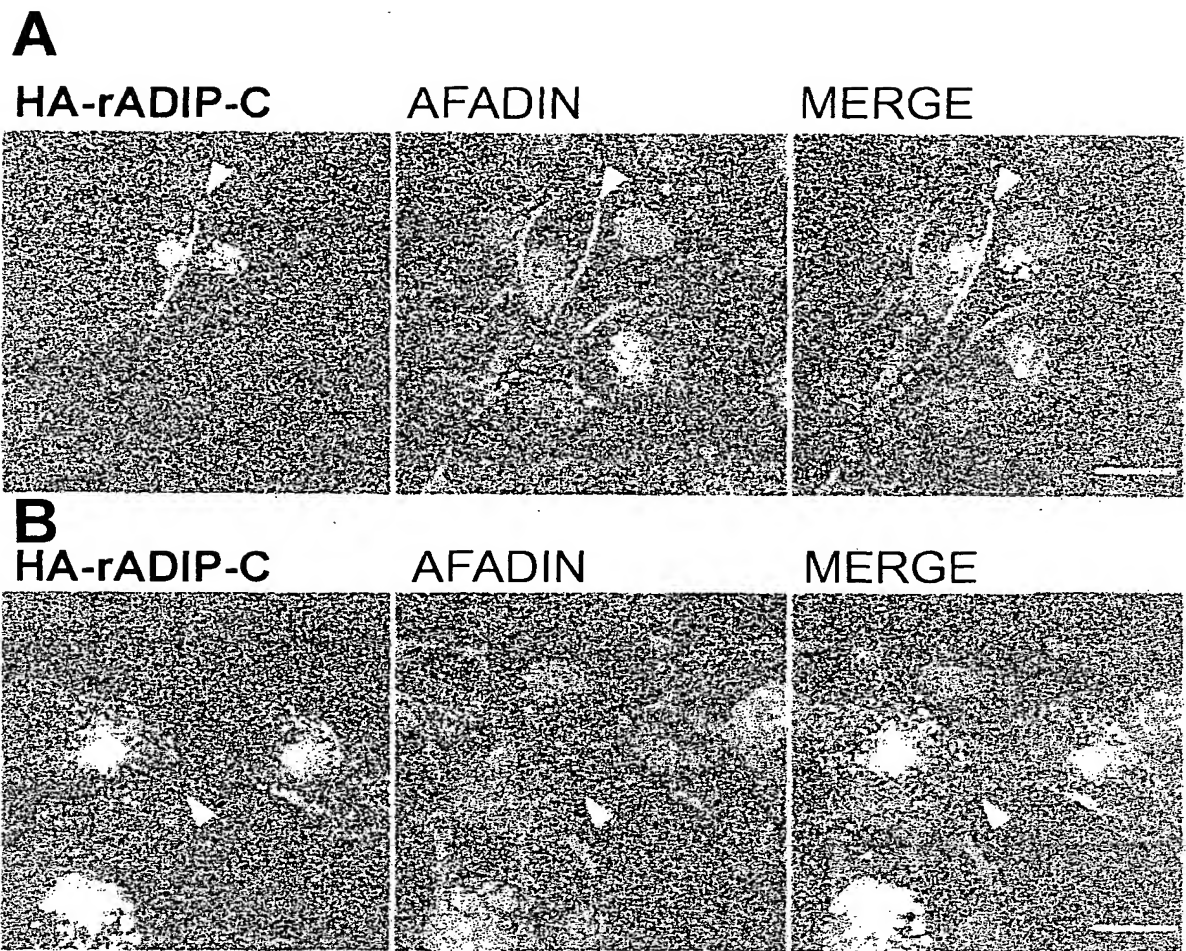


FIG. 6



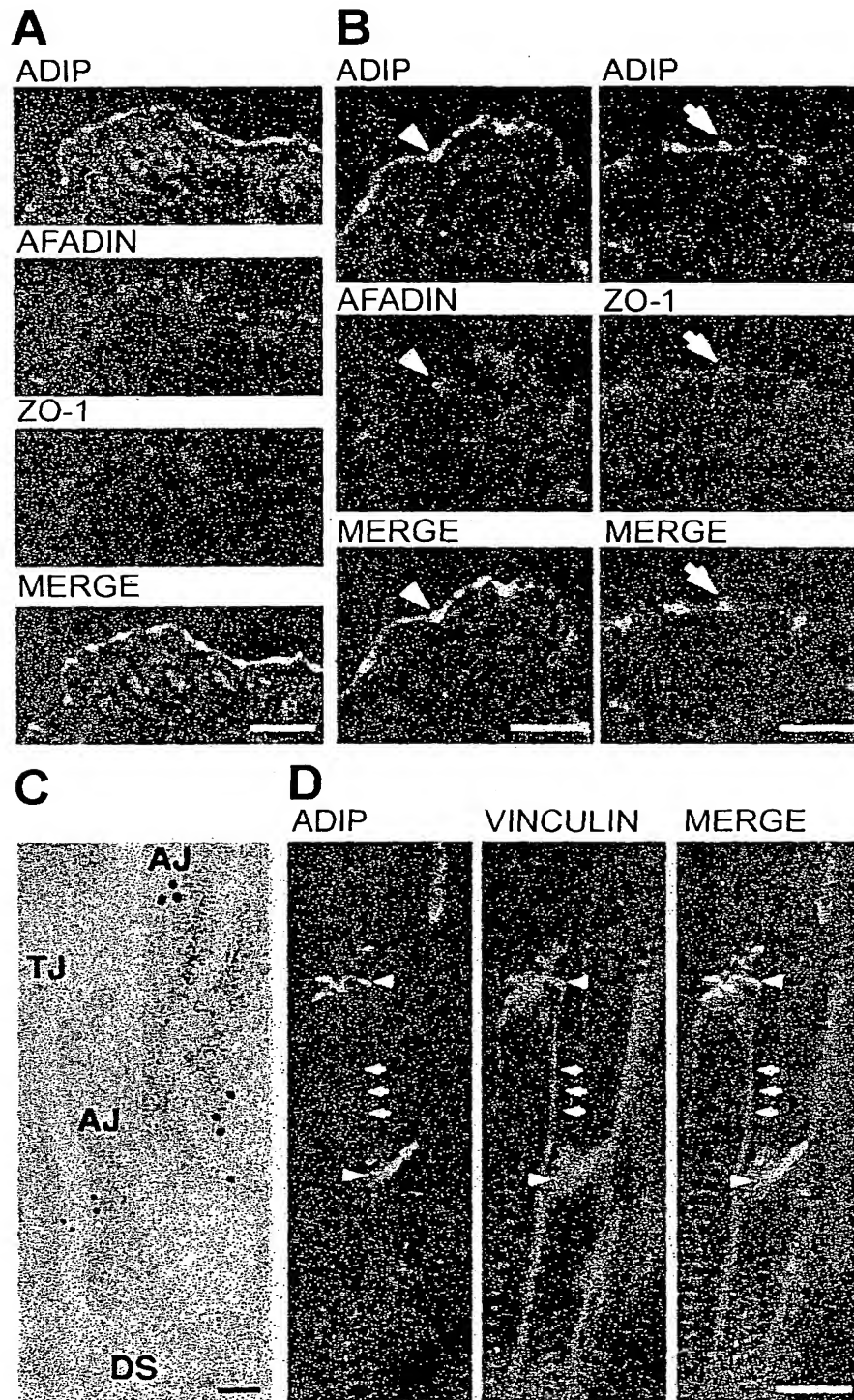


FIG. 7

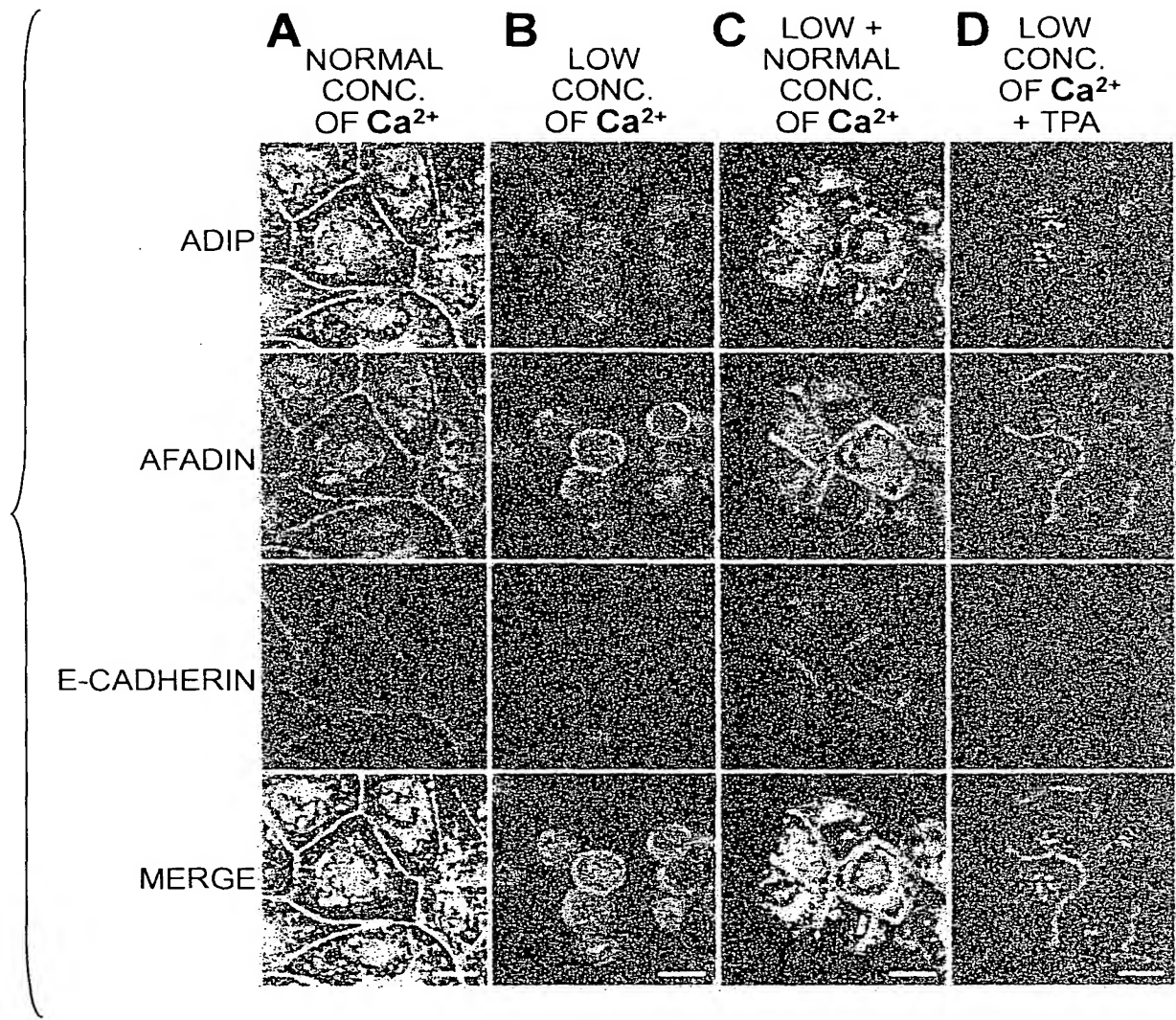


FIG. 8



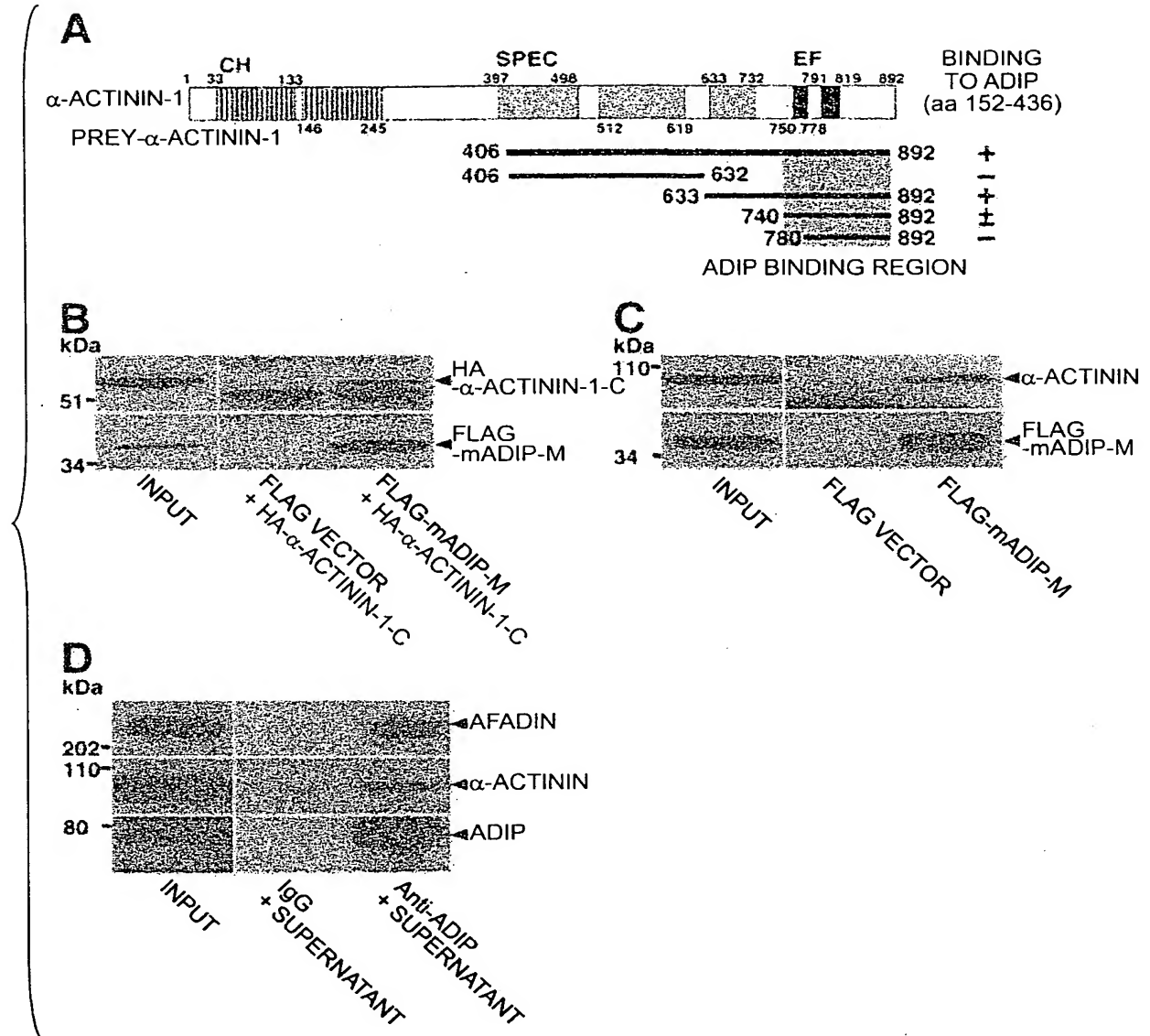


FIG. 9

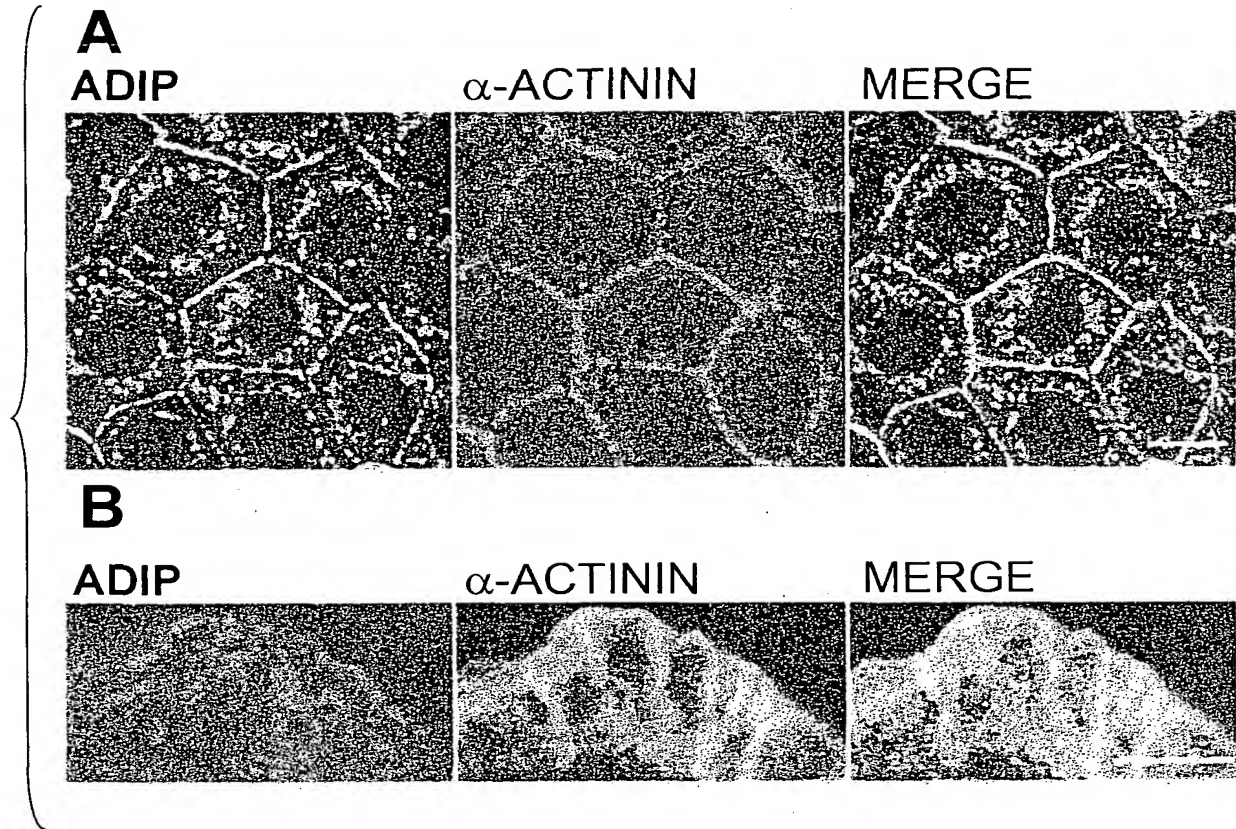


FIG.10